



SPARC SSG Meeting, 2012, Zürich

Preliminary agenda

Time and date:

Tuesday, 7 February 2012, 13:30, to Friday, 10 February 2012, around 15:00

Location:

Swiss Federal Institute of Technology Zürich (ETH)
Main building (HG), Rämistrasse 101
Floor G, Room HG G60 (Semper aula)

Tuesday, 7 February 2012 (13:30-18:00)

(registration: 12.30-13-30)

1. Introduction (13:30-14:00)

- 1.1. Welcome (SPARC Co-chairs)
- 1.2. Logistical and practical information (Joh. Staehelin)
- 1.3. Discussion of agenda (Ted Shepherd)

2. WCRP/SPARC update (14:00-15:00)

- 2.1. WCRP update and perspective for SPARC (30 min)
(representative of JSC or JPS)
- 2.2. OSC report and lessons for SPARC (30 min) (Greg Bodeker and Ted Shepherd)
- 2.3. Process to elect new SPARC SSG co-Chair (15 min) (Greg Bodeker)

Coffee break (15:15-15:45)

Including a short Executive Session for SSG members (Room: HGF 33.5)

3. Summary of local workshop (15:45-16:30)

Including resulting discussion (Thomas Peter)

4. SPARC Future (16:30-18:00)

- 4.1. The role of the stratosphere in climate change: an AR5 perspective (30 min)
(Julie Arblaster)
- 4.2. The role of the stratosphere in tropospheric chemistry (30 min) (Claire Granier)
- 4.3. Stratospheric sulfur budget: a new SPARC initiative (30 min)
(Markus Rex, Claudia Timmreck)



Apéro” (19:00-22:00)

Celebrating the 20th anniversary of SPARC and the start of the SPARC Office in Zürich

Location: “Dozentenfoyer”, main building (HG), Floor J (top floor)

Speakers: - Prof. R. Eichler (President ETHZ),

- Prof. P. Edwards (head of department of Environmental Systems Sciences, ETHZ)
 - Dr. A. Rubli (MeteoSwiss)
 - Dr. P. Filliger (Federal Office for the Environment (FOEN))
 - Dr. G. R. Asrar, Director, World Climate Research Program (WMO, Geneva)
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Wednesday, 8 February 2012 (09:15-17:30)

5. Review of SPARC activities (9:15-10:30)

- 5.1. Report on ESA activity (Greg Bodeker, Ted Shepherd) (15 min)
- 5.2. Data initiative (Michaela Hegglin, Susann Tegtmeier) (60 min)

Coffee break (10.30-11.00)

SPARC activities, cont. (11.00-13:00)

- 5.3. Ozone profile trends (Neil Harris) (30 min)
- 5.4. Lifetimes of ozone depleting substances (Stefan Reimann) (30 min)
- 5.5. Gravity waves (Joan Alexander) (30 min)
- 5.6. Solar influence (Bernd Funke, Kuni Kodera) (30 min)

Lunch break (13:00-14:00)

Location: Dozentenfoyer, main building, floor J (top floor)

SPARC activities, cont. (14.00-15:35)

- 5.7. CCMVal and lessons from AR5 on model validation (Veronika Eyring) (30 min)
- 5.8. Dynamical variability (Elisa Manzini) (15 min)
- 5.9. SPARC data assimilation (David Jackson) (30 min)
- 5.10. Water vapor (Tom Peter, 10 min, Holger Vömel, 10 min)

Coffee break (15:35-16:00)

SPARC activities, cont. (16:00-16:45)

- 5.11. Stratospheric temperature trends (Dave Thompson) (30 min)
- 5.12. Brewer Dobson Circulation Workshop (Mark Baldwin, Ted Shepherd) (15 min)



6. Coordination with other activities (16:45-17:30)

- 6.1. Report on Toulouse workshop on tropospheric ozone changes (Johannes Staehelin) (15 min)
- 6.2. Geo-engineering (Alan Robock) (15 min)
- 6.3. GCOS update (report on the Frascati meeting) (Greg Bodeker) (15 min)

Conference Dinner (19:00-22:30) *sponsored by* **MeteoSwiss**

Location: Haus zum Rüden

Limmatquai 42

Zürich (city center)

Short speaks by first co-chairs: M.L. Chanin and M. Geller

Thursday, 9 February 2012 (09:15-18:30)

Coordination with other activities, cont. (09:15-10:30)

- 6.4. IGAC (Claire Granier) (15 min)
- 6.5. Joint IGAC/SPARC activities (Tom Peter, Johannes Staehelin, Veronika Eyring, Claire Granier) (30 min)
- 6.6. WGSIP (Adam Scaife), WGCM (Veronika Eyring), WGNE (Saroja Polavarapu) (30 min in total)

Coffee break (10:30-11:00)

Coordination with other activities, cont. (11:00-12:00)

- 6.7. Polar Initiative (Ted Shepherd) (15 min)
- 6.8. Monsoon in India (Kusuma Rao) [monsoon predict., TTL, summer school] (30 min)
- 6.9. Information on planned international flight campaigns in Asia; possible (coordinating) role by SPARC? (Andrew Gettelman) (15 min)

7. Capacity building (12:00-12:30) (Roseanne Diab) (30 min)

8. SPARC items (12.30-13:00)

- 8.1. SPARC Data Centre and related activities (Marv Geller) (30 min)

Lunch break (13:00-14:00)

Location: Dozentenfoyer, main building, floor J (top floor)

9. SPARC Measurement Requirements (14:00-16:45)

(see separate sheet for details: Greg Bodeker, Johannes Staehelin, Ted Shepherd)



Coffee break (16:45-17:10)

**10. SPARC SSG Executive session (closed session) (17:10-18:30)
(room: HGF 33.5)**

Friday, 10 February 2012 (09:15-15:00)

SPARC items, cont. (9:15-10:15)

- 8.2 Move of SPARC Office (feedback from participants?) (Johannes Staehelin, Norm McFarlane) (15 min)
- 8.3 SPARC Communications and Website (Carolin Arndt) (15 min)
- 8.4 SPARC member data base (Greg Bodeker) (15 min)
- 8.5 Next SPARC SSG meeting (15 min)

Coffee break (10:15-10:30)

11. Future evolution of SPARC (10:30-12:30)

- 11.1 Open discussion on future themes and foci for SPARC (60 min)
- 11.2 SPARC name change? (60 min) (SPARC co-Chairs)

Lunch: Sandwiches (12:30-13:00)

SPARC items, cont. (13:00-around 15:00)

- 8.6 General Assembly (Greg Bodeker) (45 min)
- 8.7 Action items (as long as it takes)
- 8.8 Closing of the meeting (around 15.00)

2. February 2012